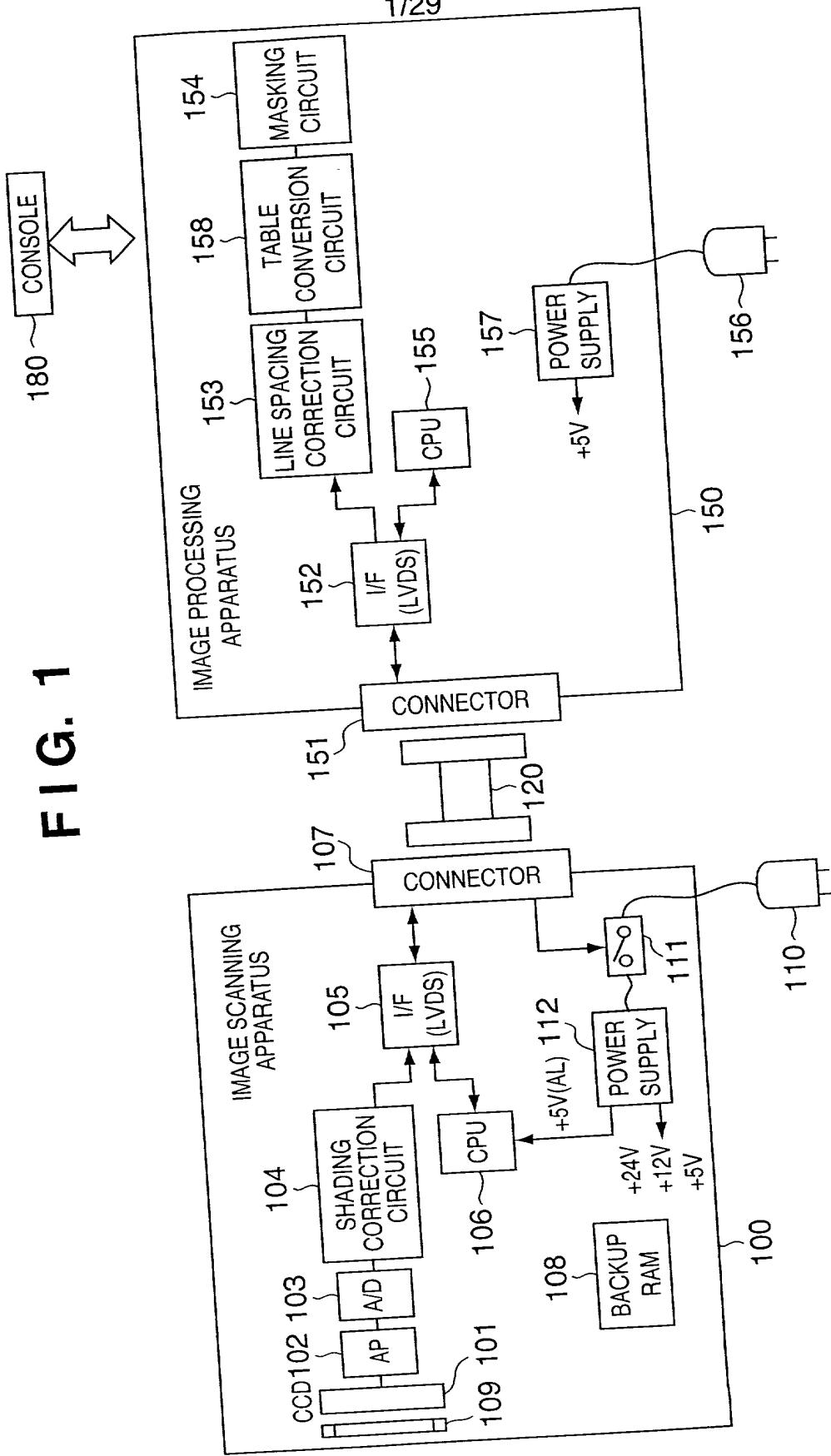
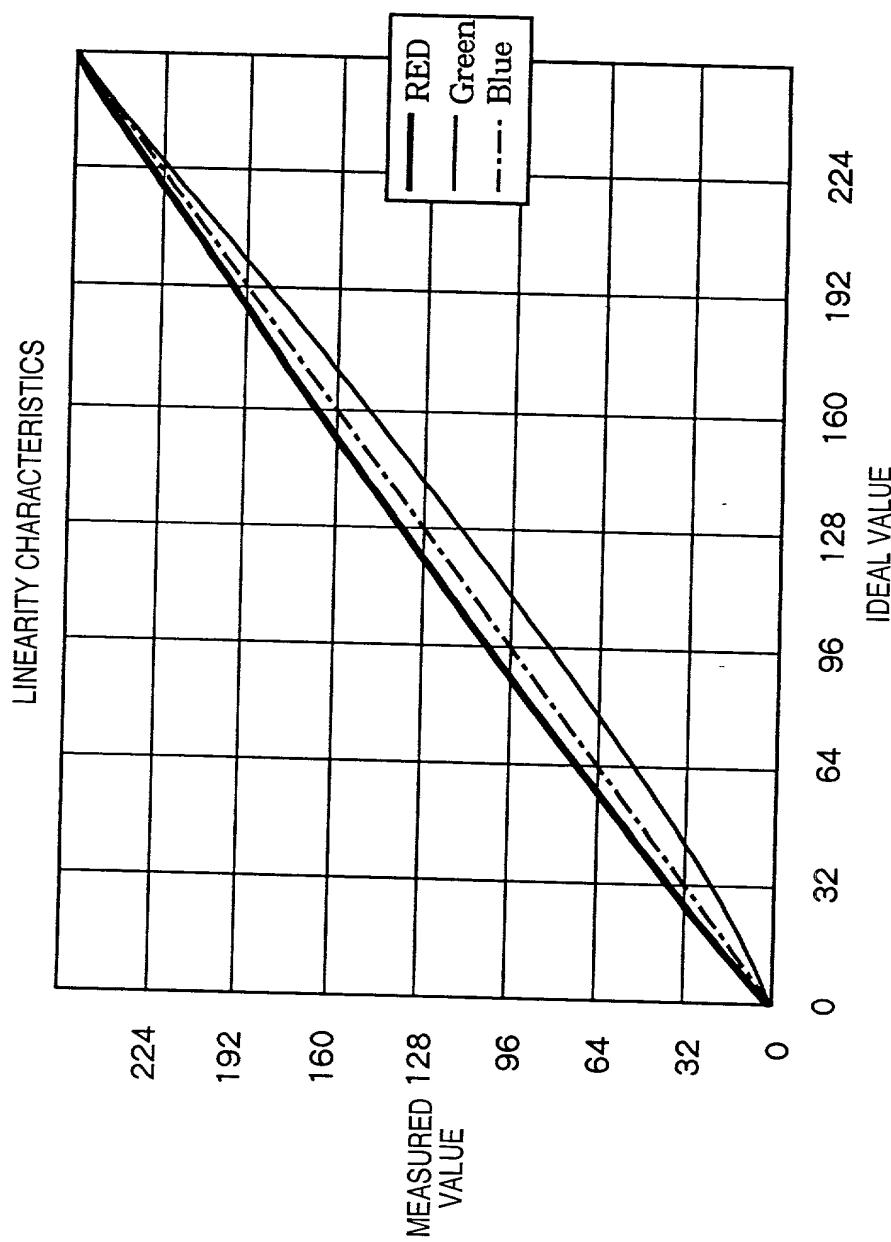


**FIG. 1**

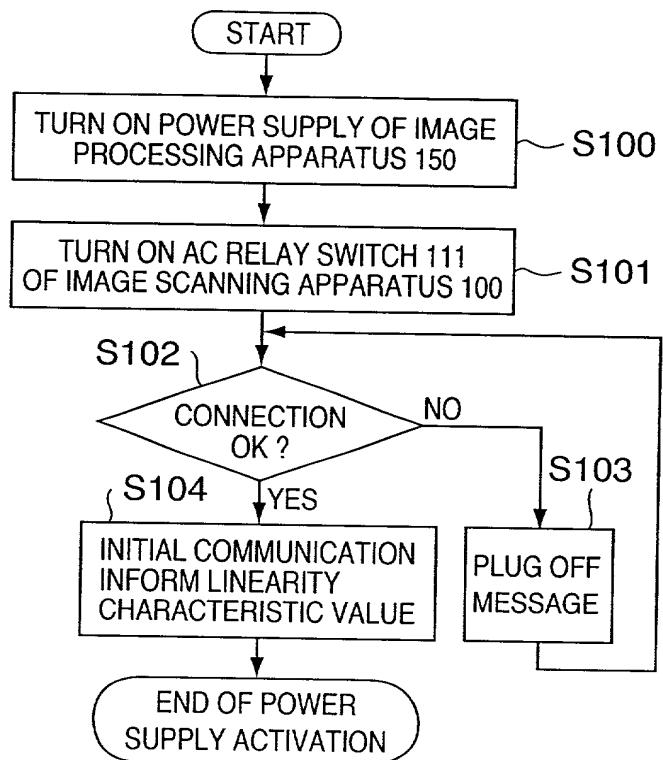
1/29



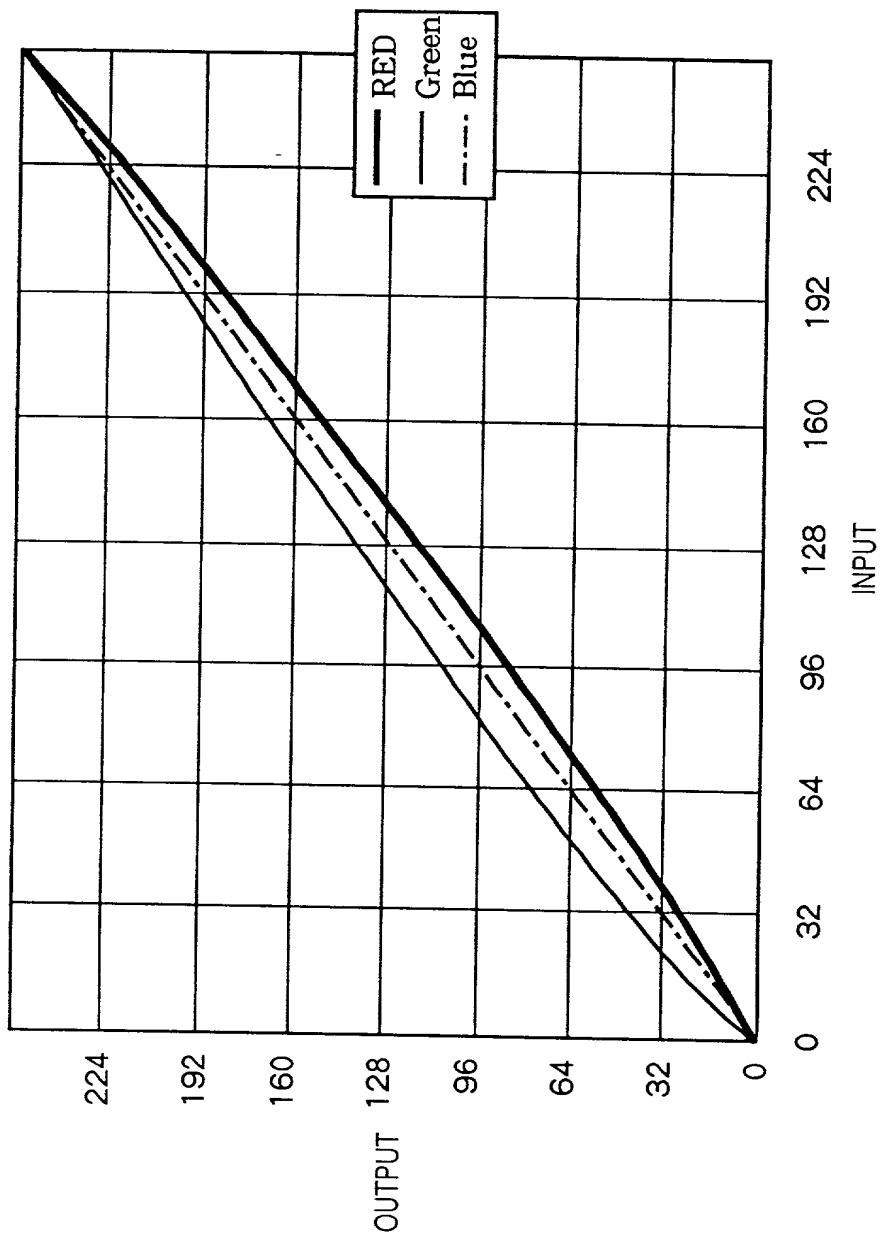
**FIG. 2**

## FIG. 3

IDEAL VALUE	MEASURED VALUE														
	RED	Green	Blue												
0	0	0	0	64	73	52	66	128	137	115	130	192	198	184	193
1	2	0	1	65	75	53	67	129	138	116	131	193	198	185	194
2	3	1	2	66	76	54	68	130	139	118	132	194	199	186	195
3	5	2	3	67	77	55	69	131	140	119	133	195	200	187	196
4	6	2	4	68	78	56	70	132	141	120	134	196	201	188	197
5	7	3	5	69	79	57	71	133	142	121	135	197	202	190	198
6	9	3	6	70	80	58	72	134	143	122	136	198	203	191	199
7	10	4	8	71	81	59	73	135	144	123	137	199	204	192	200
8	11	5	9	72	82	60	74	136	145	124	138	200	205	193	201
9	13	5	10	73	83	61	75	137	146	125	139	201	206	194	202
10	14	6	11	74	84	61	76	138	147	126	140	202	207	195	203
11	15	7	12	75	85	62	77	139	148	127	141	203	208	196	204
12	16	8	13	76	86	63	78	140	149	128	142	204	209	197	205
13	18	8	14	77	87	64	79	141	150	129	143	205	210	198	206
14	19	9	15	78	88	65	80	142	151	130	144	206	210	200	207
15	20	10	16	79	89	66	81	143	152	131	145	207	211	201	208
16	21	11	17	80	90	67	82	144	152	132	146	208	212	202	209
17	22	11	18	81	91	68	83	145	153	133	147	209	213	203	210
18	23	12	19	82	92	69	84	146	154	134	148	210	214	204	211
19	25	13	20	83	93	70	85	147	155	135	149	211	215	205	212
20	26	14	21	84	94	71	86	148	156	136	150	212	216	206	213
21	27	14	22	85	95	72	87	149	157	137	151	213	217	207	214
22	28	15	23	86	96	73	88	150	158	139	152	214	218	208	215
23	29	16	24	87	97	74	89	151	159	140	153	215	219	210	216
24	30	17	25	88	98	75	90	152	160	141	154	216	220	211	217
25	32	18	26	89	99	76	91	153	161	142	155	217	221	212	218
26	33	18	27	90	100	77	92	154	162	143	156	218	221	213	219
27	34	19	28	91	101	78	93	155	163	144	157	219	222	214	220
28	35	20	29	92	102	79	94	156	164	145	158	220	223	215	221
29	36	21	30	93	103	80	95	157	165	146	159	221	224	216	222
30	37	22	31	94	104	81	96	158	166	147	160	222	225	217	223
31	38	23	32	95	105	82	97	159	167	148	161	223	226	219	224
32	39	23	33	96	106	83	98	160	168	149	161	224	227	220	225
33	40	24	34	97	107	84	99	161	169	150	162	225	228	221	226
34	42	25	35	98	108	85	100	162	170	151	163	226	229	222	227
35	43	26	36	99	109	86	101	163	170	152	164	227	230	223	228
36	44	27	37	100	110	87	102	164	171	153	165	228	231	224	229
37	45	28	38	101	111	88	103	165	172	155	166	229	231	225	229
38	46	29	39	102	112	89	104	166	173	156	167	230	232	226	230
39	47	29	40	103	113	90	105	167	174	157	168	231	233	228	231
40	48	30	42	104	114	91	106	168	175	158	169	232	234	229	232
41	49	31	43	105	115	92	107	169	176	159	170	233	235	230	233
42	50	32	44	106	116	93	108	170	177	160	171	234	236	231	234
43	51	33	45	107	117	94	109	171	178	161	172	235	237	232	235
44	52	34	46	108	118	95	110	172	179	162	173	236	238	233	236
45	54	35	47	109	119	96	111	173	180	163	174	237	239	234	237
46	55	36	48	110	120	97	112	174	181	164	175	238	240	236	238
47	56	36	49	111	121	98	113	175	182	165	176	239	241	237	239
48	57	37	50	112	122	99	114	176	183	166	177	240	241	238	240
49	58	38	51	113	123	100	115	177	184	168	178	241	242	239	241
50	59	39	52	114	124	101	116	178	185	169	179	242	243	240	242
51	60	40	53	115	125	102	117	179	185	170	180	243	244	241	243
52	61	41	54	116	126	103	118	180	186	171	181	244	245	242	244
53	62	42	55	117	126	104	119	181	187	172	182	245	246	244	245
54	63	43	56	118	127	105	120	182	188	173	183	246	247	245	246
55	64	44	57	119	128	106	121	183	189	174	184	247	248	246	247
56	65	45	58	120	129	107	122	184	190	175	185	248	249	247	248
57	66	46	59	121	130	108	123	185	191	176	186	249	250	248	249
58	67	46	60	122	131	109	124	186	192	177	187	250	250	249	250
59	68	47	61	123	132	110	125	187	193	178	188	251	251	250	251
60	69	48	62	124	133	111	126	188	194	180	189	252	252	252	252
61	70	49	63	125	134	112	127	189	195	181	190	253	253	253	253
62	71	50	64	126	135	113	128	190	196	182	191	254	254	254	254
63	72	51	65	127	136	114	129	191	197	183	192	255	255	255	255

**F I G. 4**

**FIG. 5**  
LINEARITY CORRECTION CHARACTERISTICS



**FIG. 6**  
LINEARITY CHARACTERISTICS  
(AFTER CORRECTION)

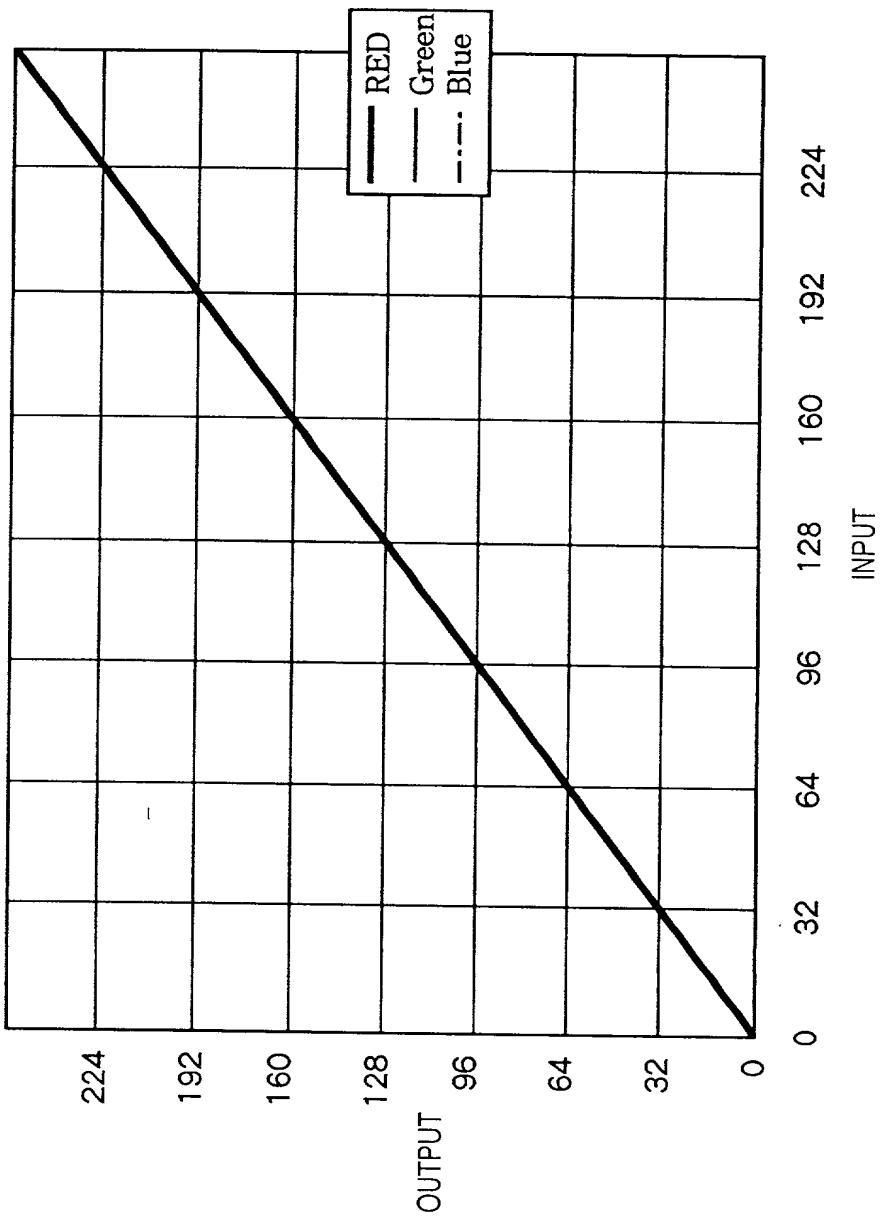
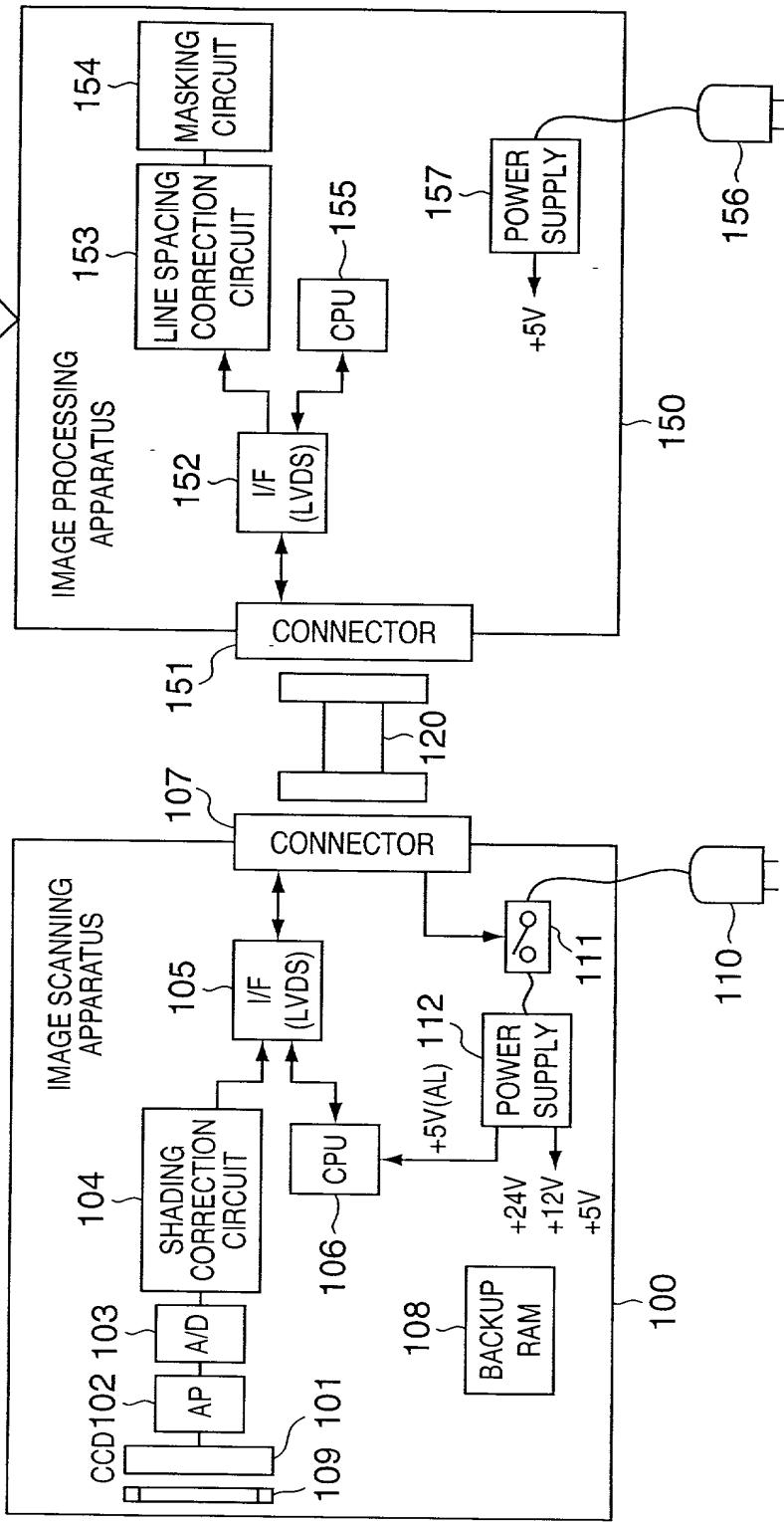
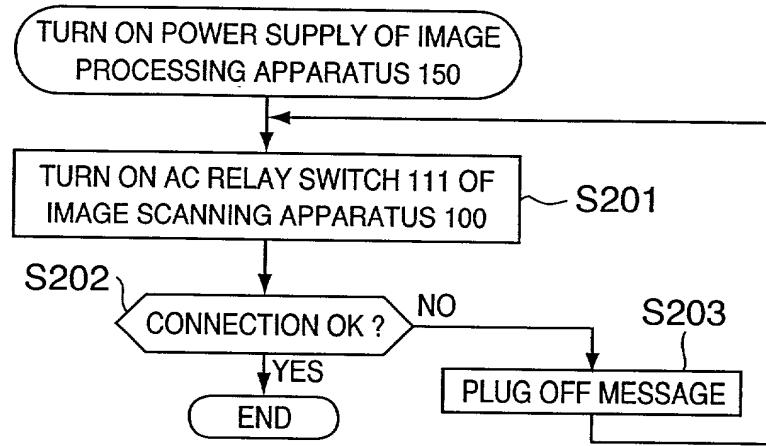
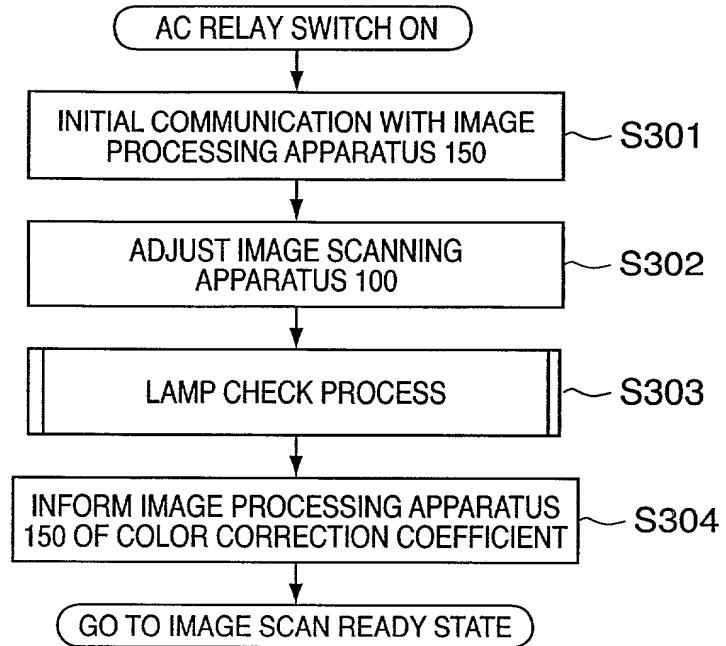


FIG. 7

180 ~ CONSOLE  
↔



**F I G. 8**

**F I G. 9**

10/29

## FIG. 10

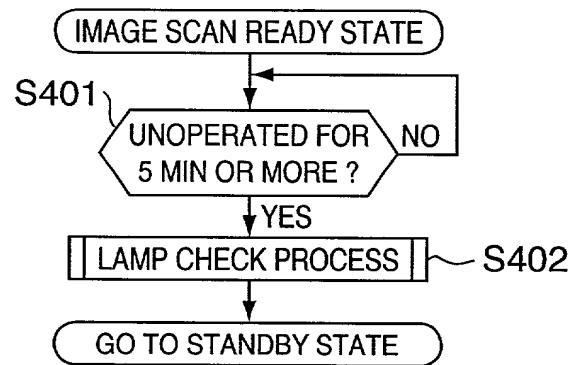
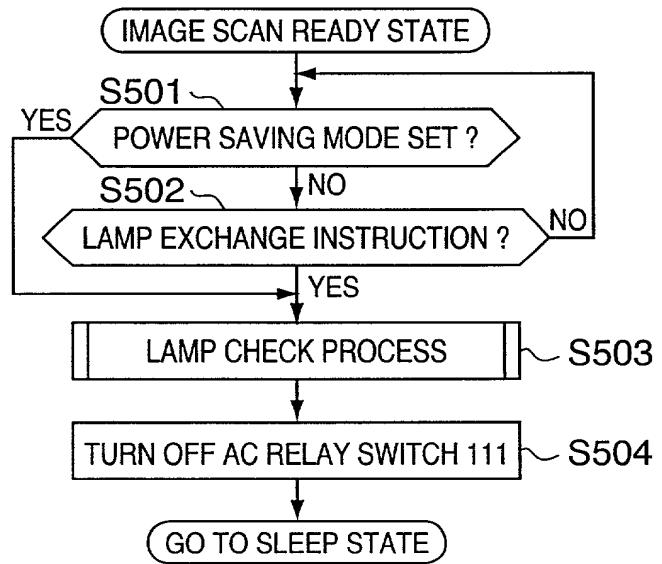


FIG. 11



12/29

## FIG. 12

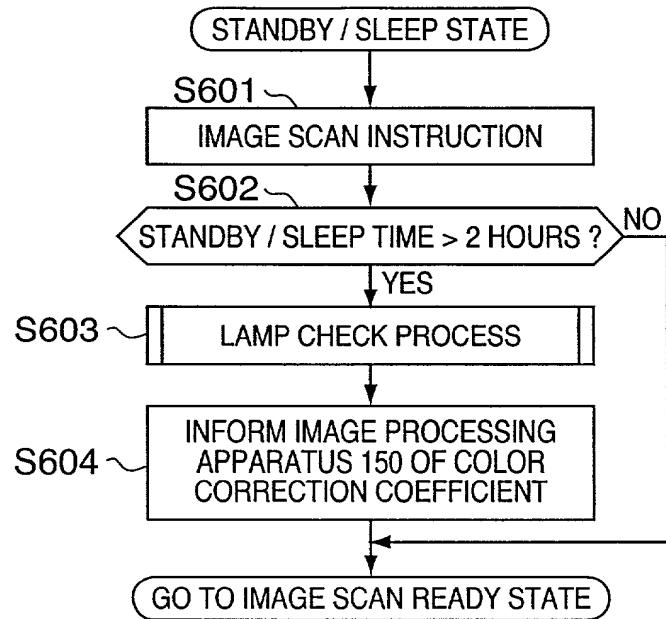
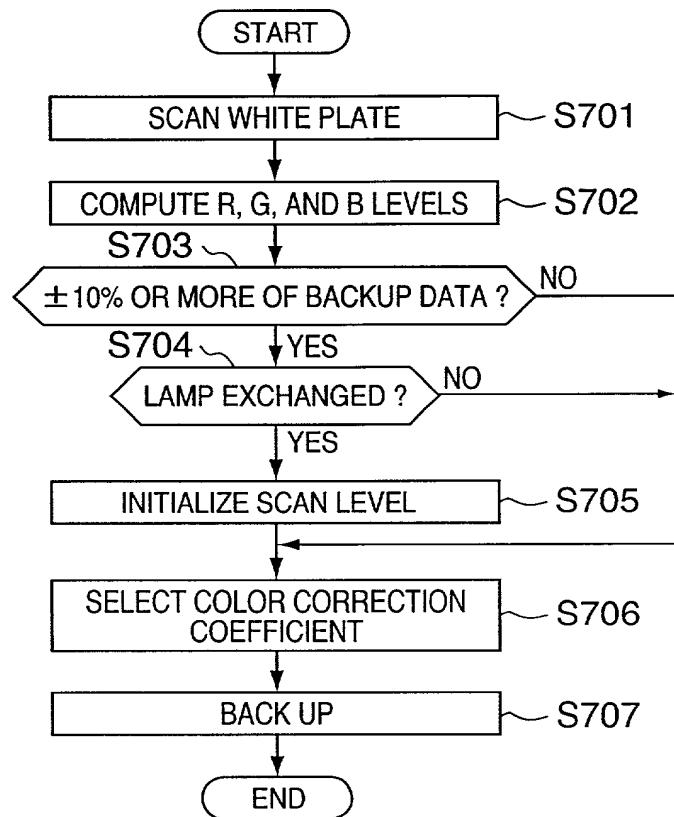
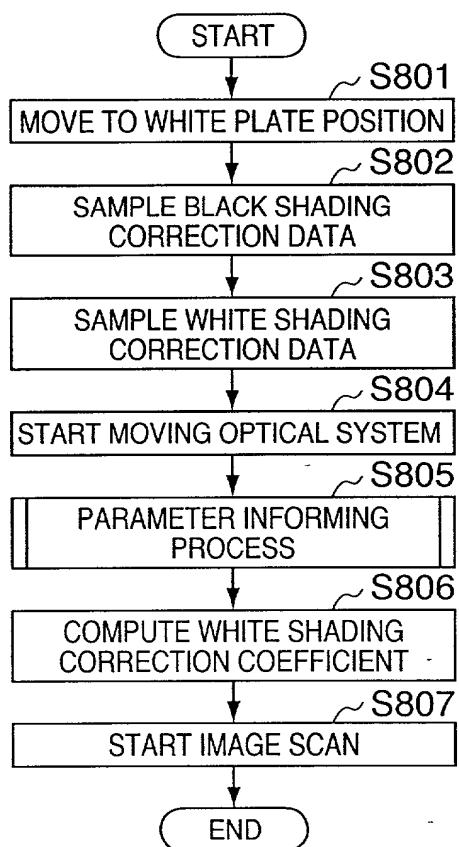
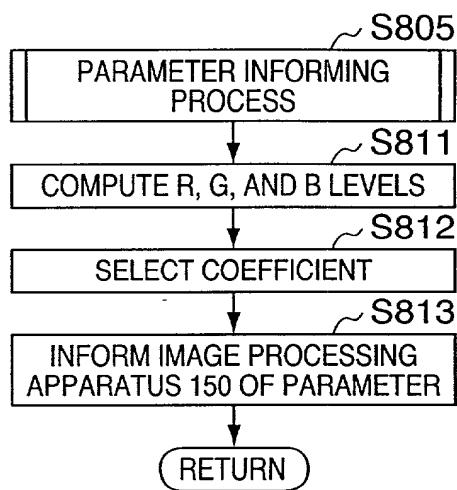
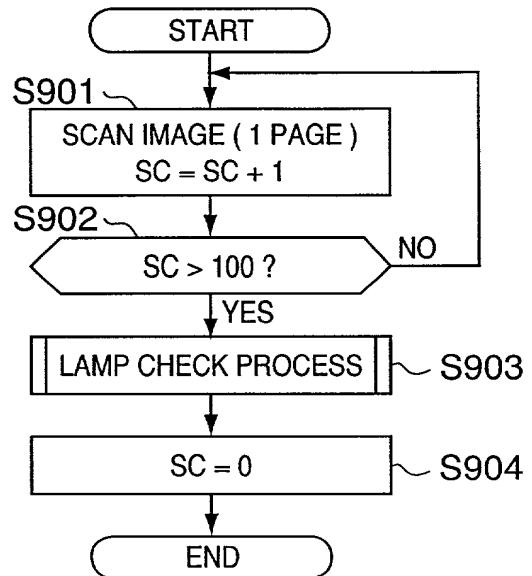
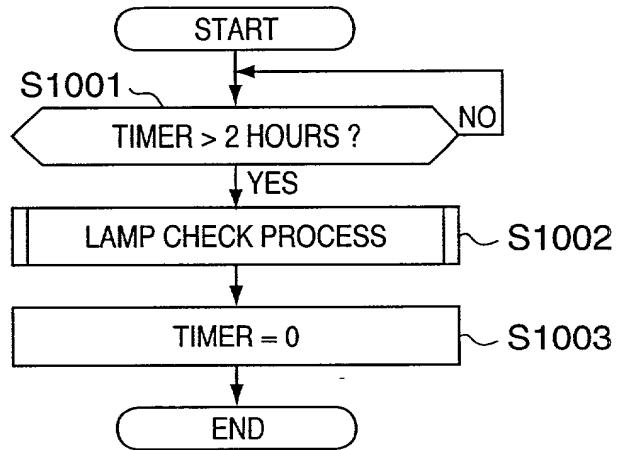


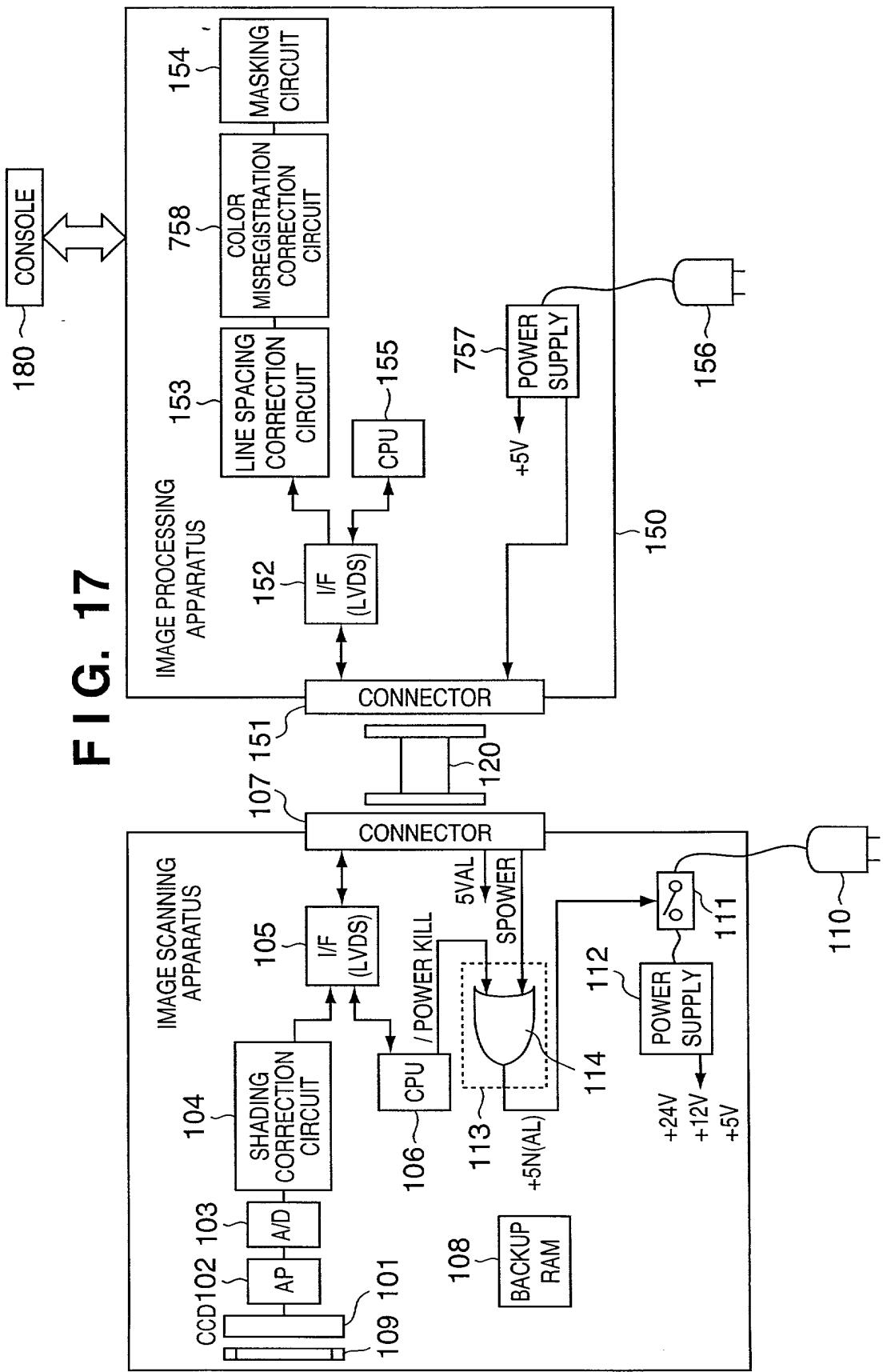
FIG. 13



**FIG. 14A****FIG. 14B**

**F I G. 15**

**F I G. 16**

**FIG. 17**

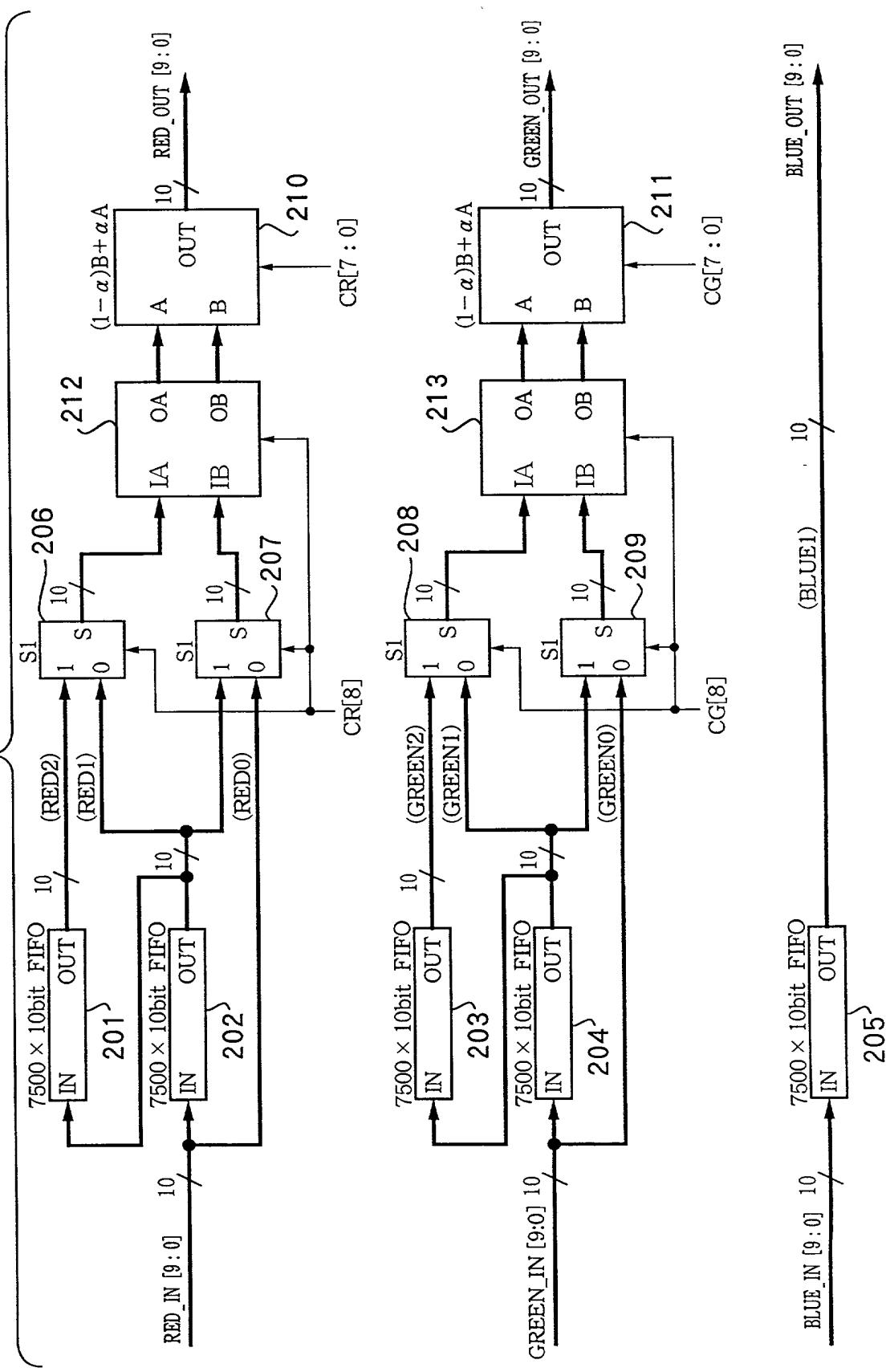
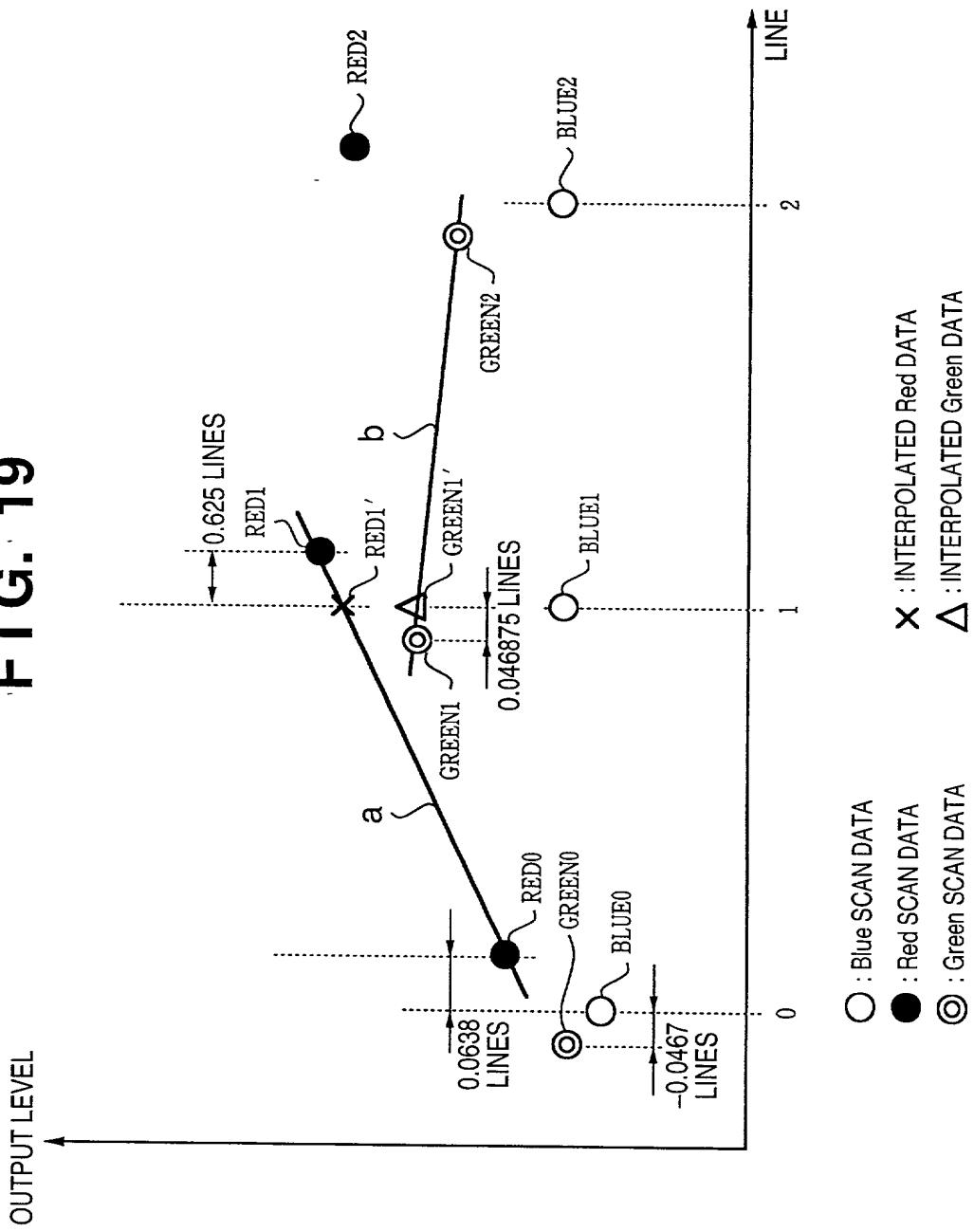
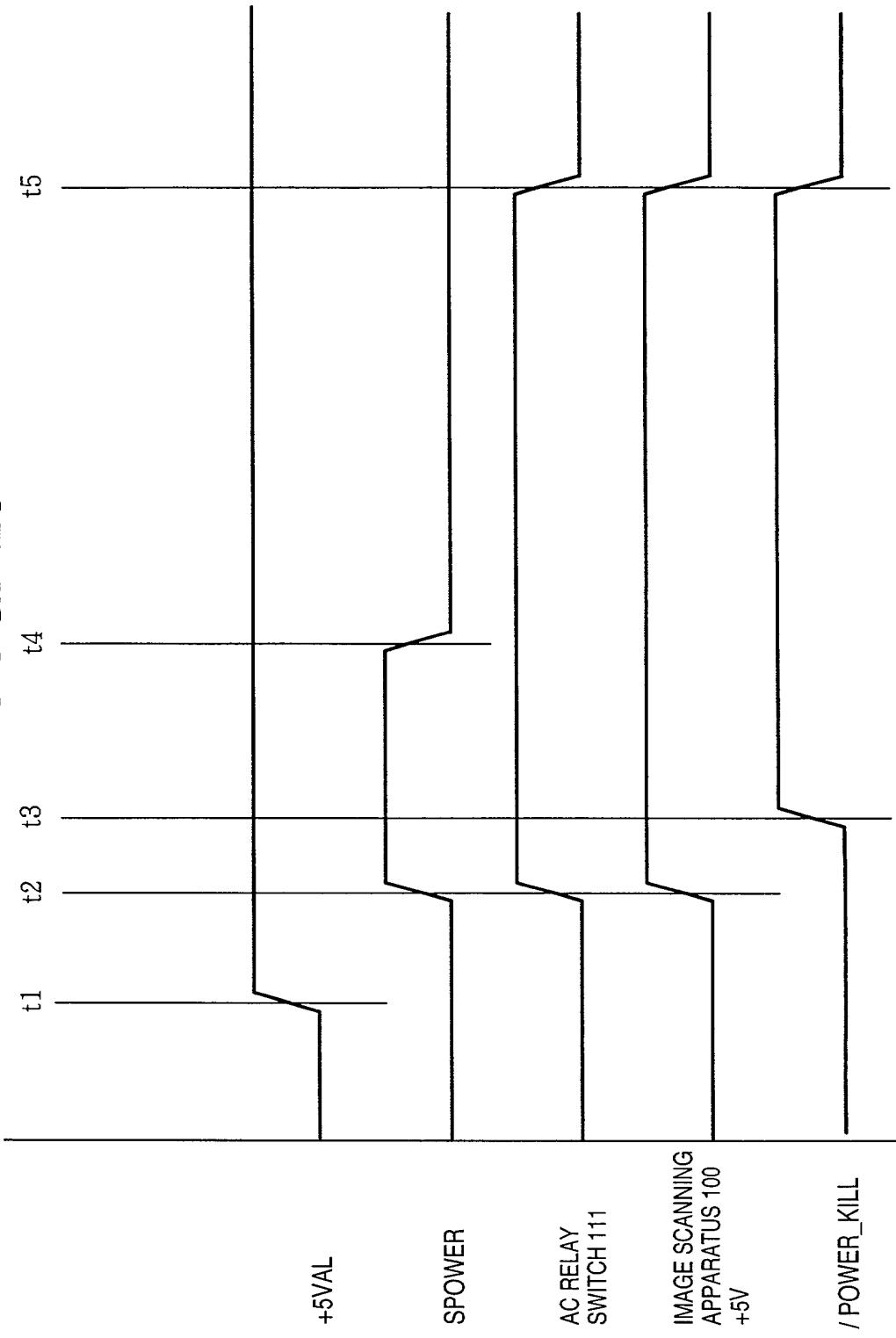
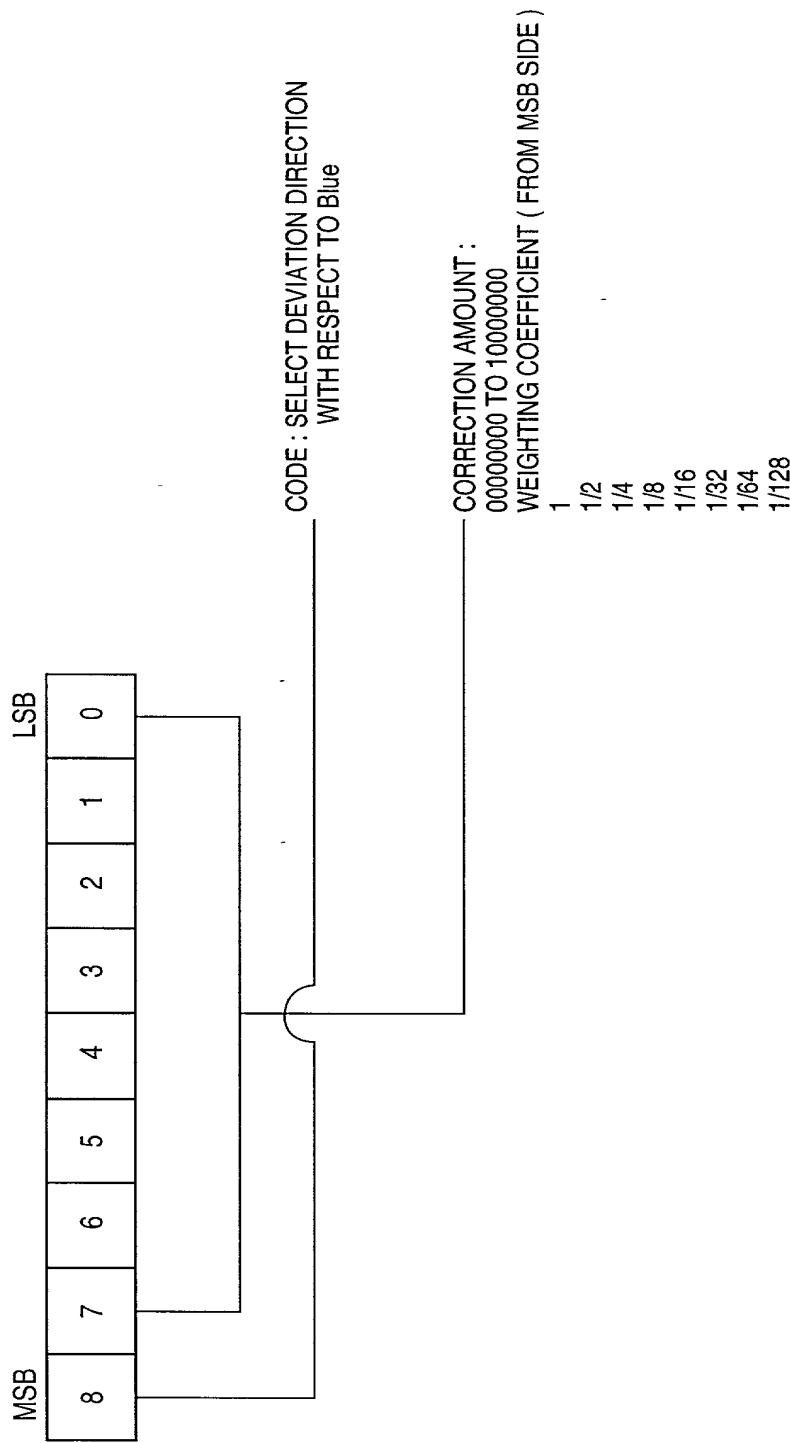
**FIG. 18**

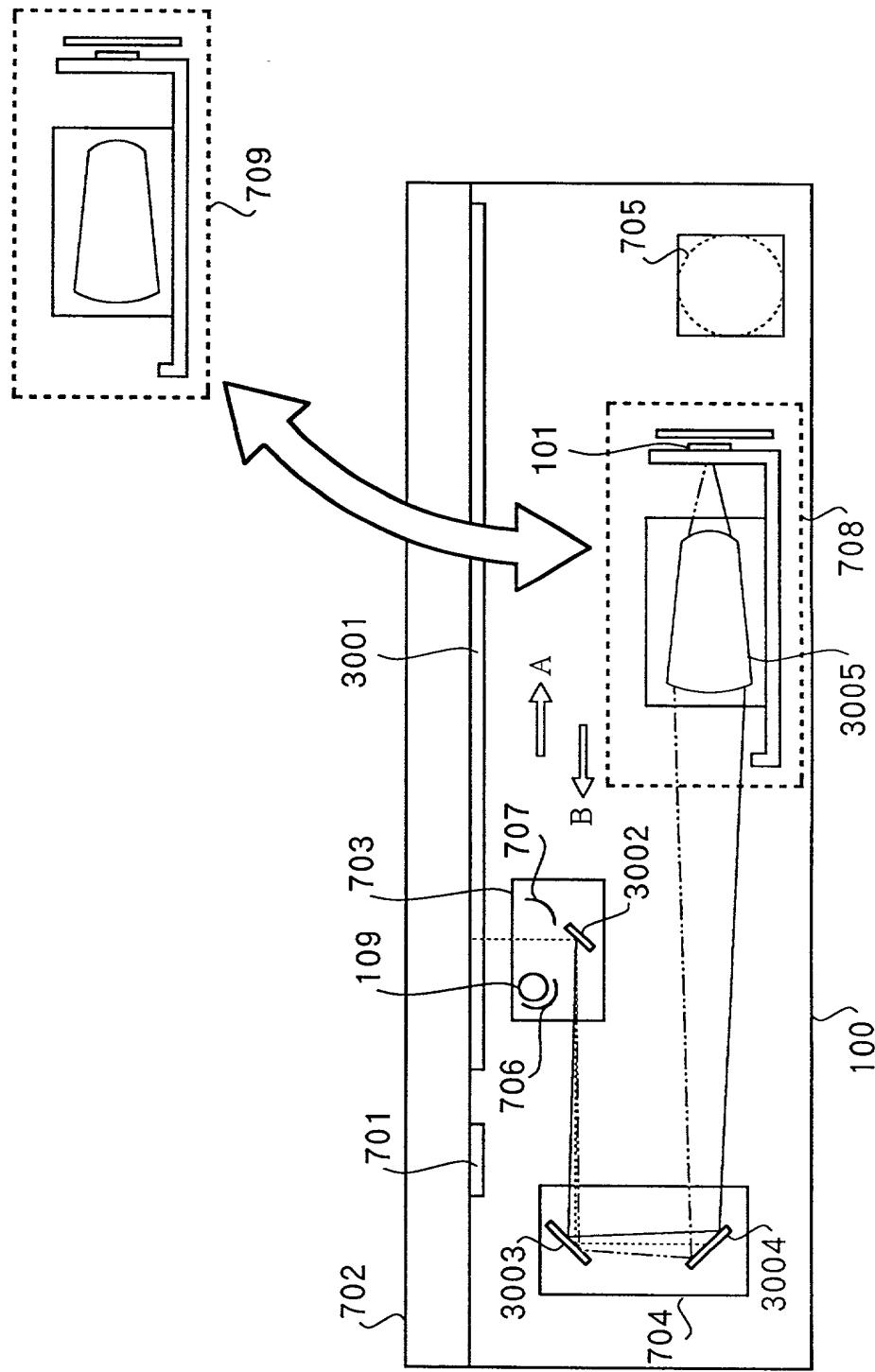
FIG. 19

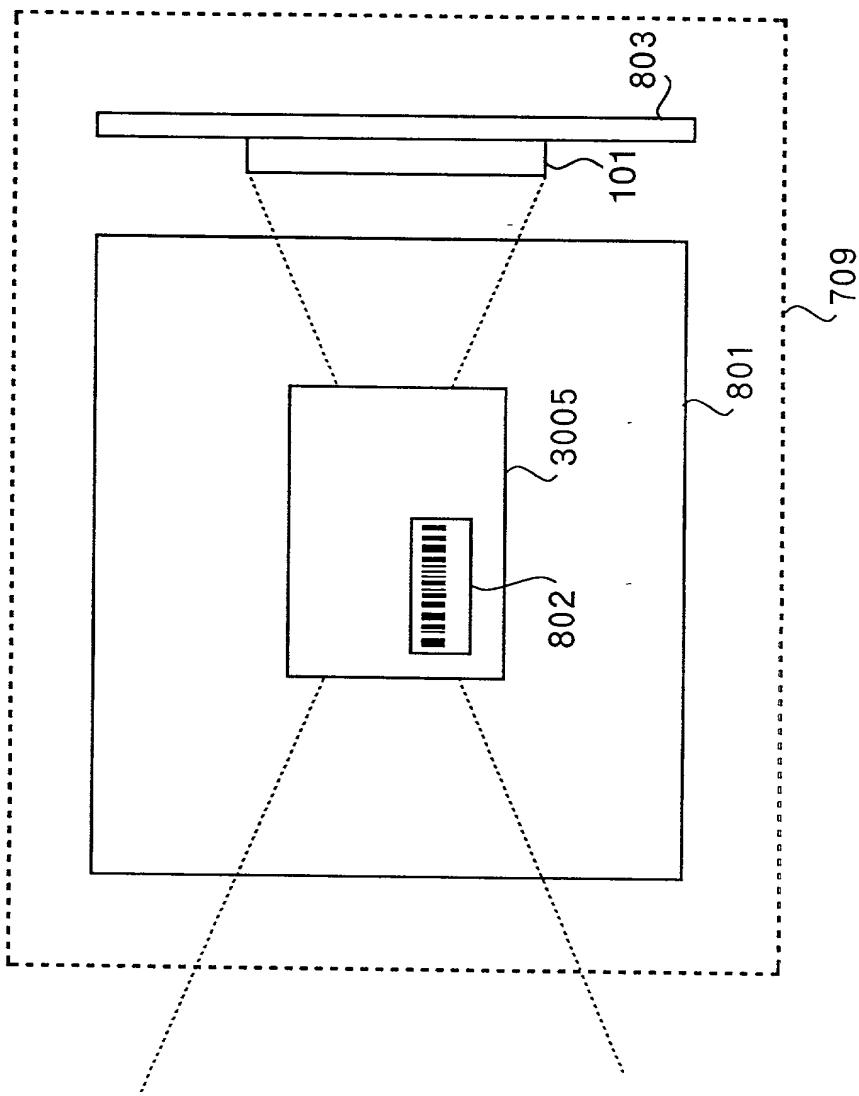


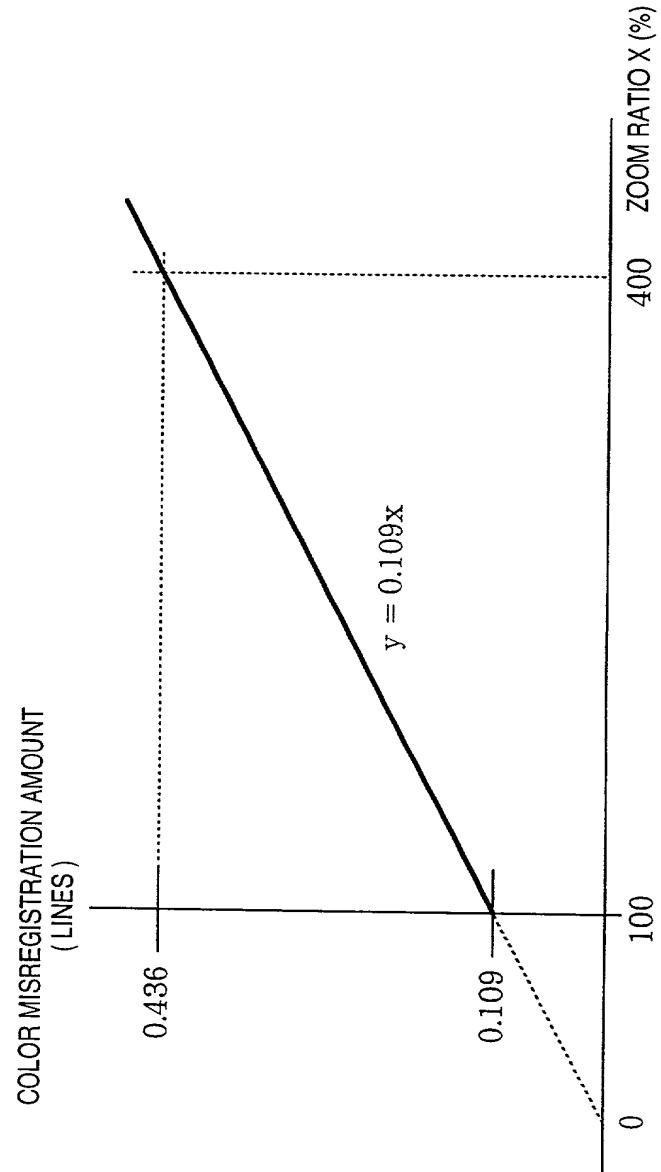
**FIG. 20**

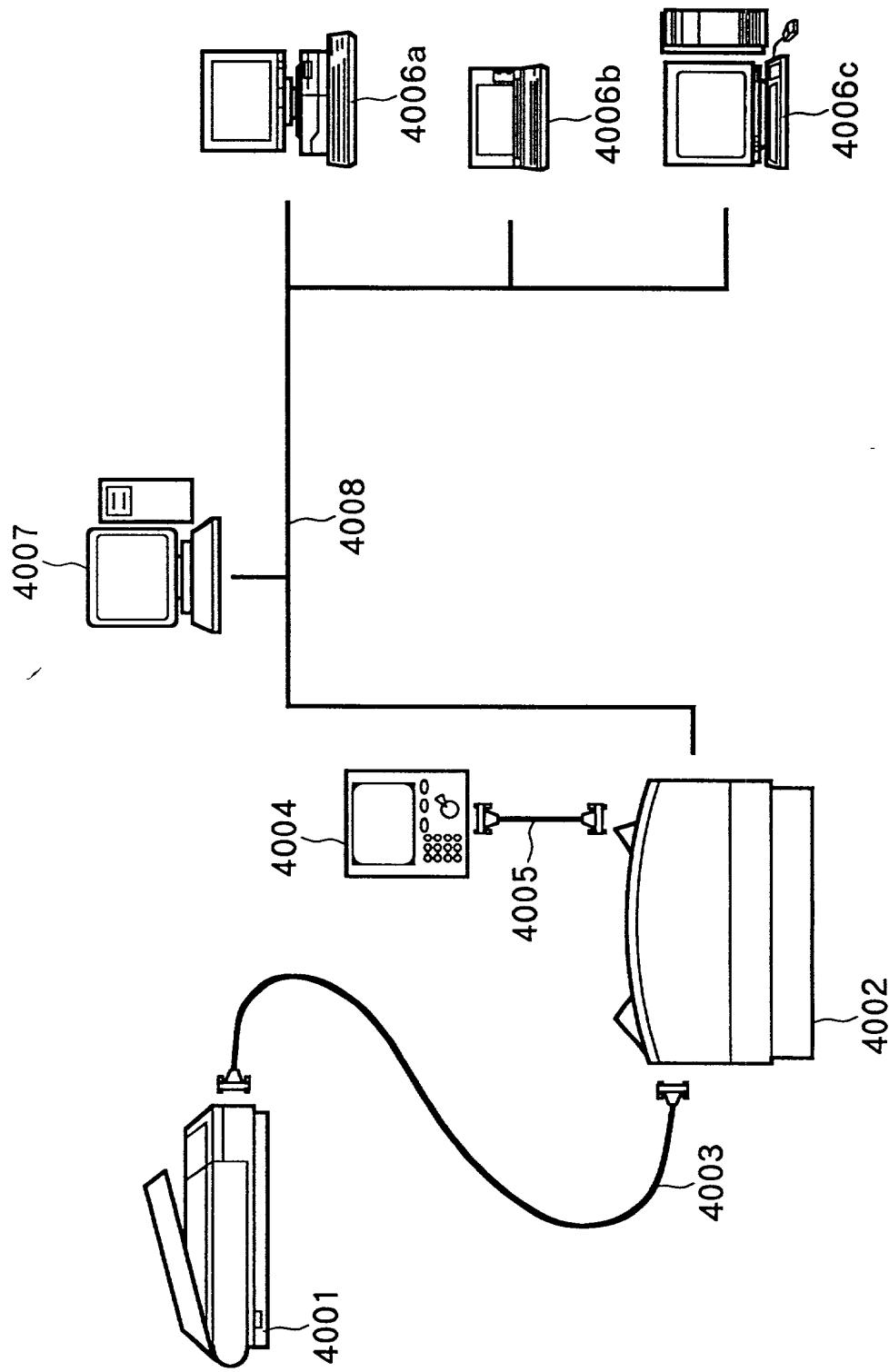
# FIG. 21

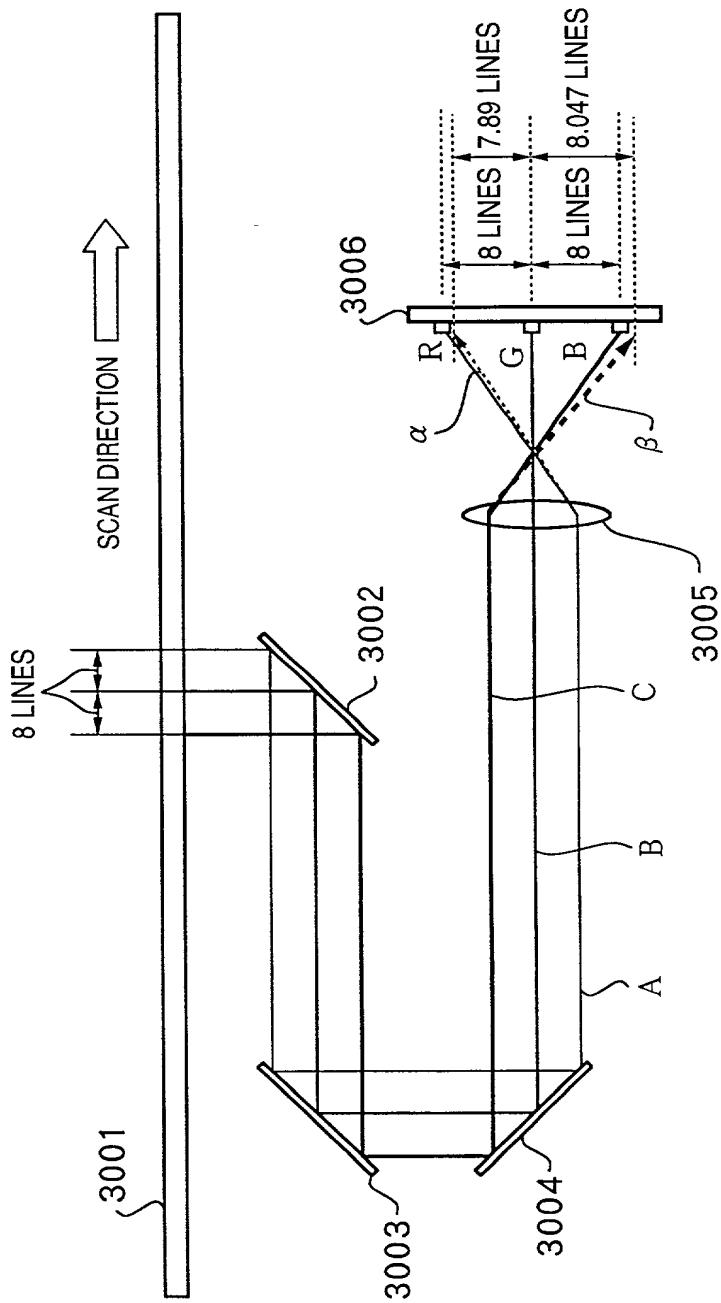


**FIG. 22**

**FIG. 23**

**FIG. 24**

**FIG. 25**

**FIG. 26**

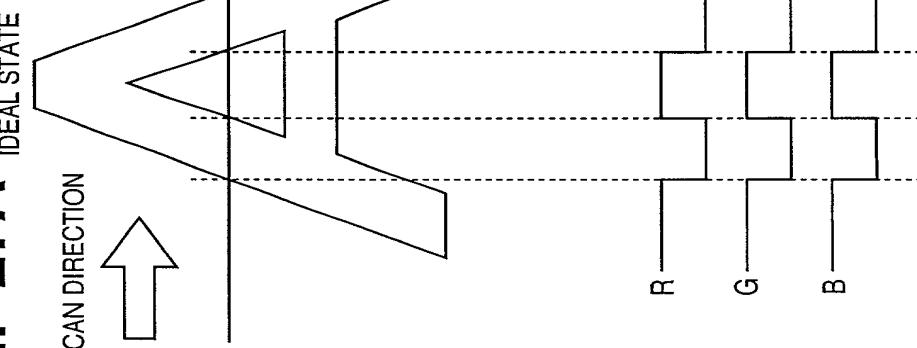
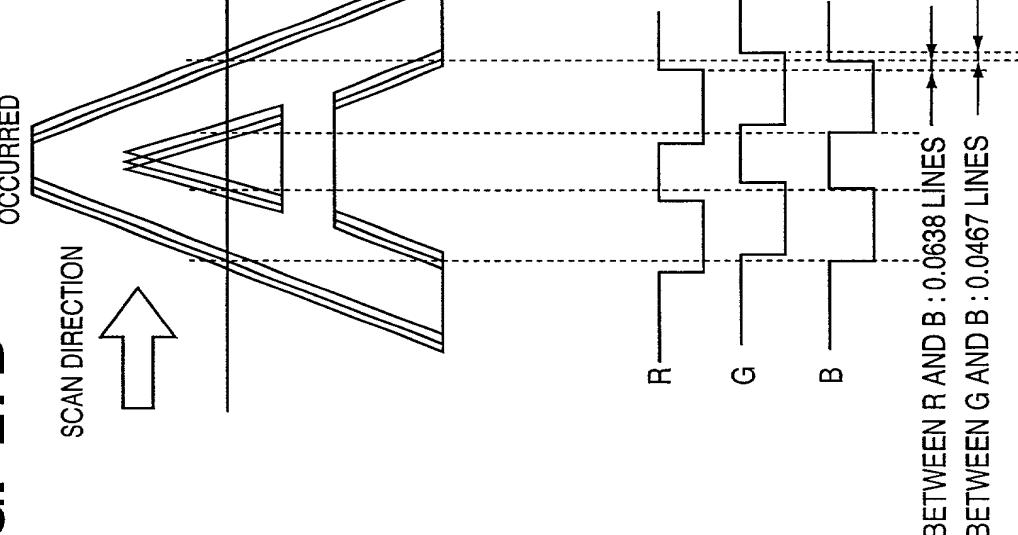
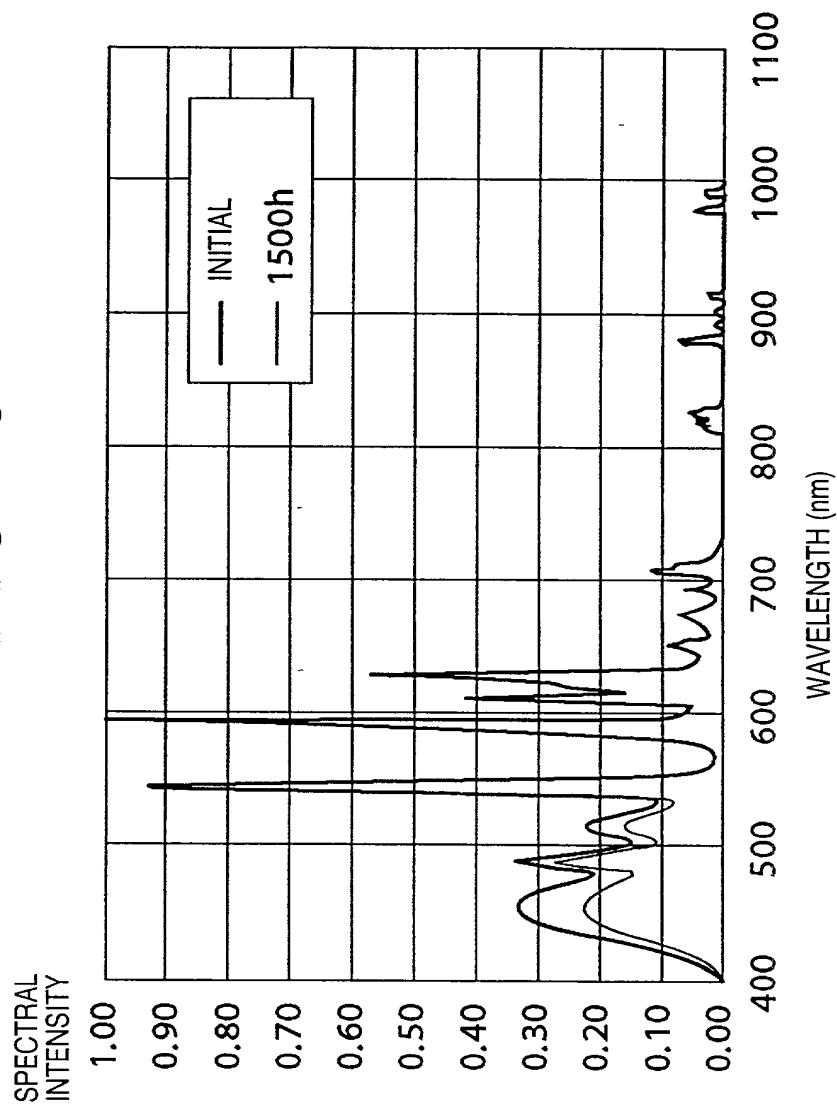
**FIG. 27A****FIG. 27B**

FIG. 28



**FIG. 29**

CCD OUTPUT vs LAMP CONTINUOUS ON TIME

